

# Panasonic

ideas for life

47-inch class **TH-47LF25U**  
1080P FULL HD LCD Display

42-inch class **TH-42LF25U**  
1080P FULL HD LCD Display

## Standard Models for Crisp, Clear Information Transmission in Public Spaces



### Main Features

- 1 Full-HD PID\* Panel — Optimal for Signage Applications
- 2 Wide Range of Input Terminals
- 3 Stylish and Energy-Saving Design

\*Public Information Display

# Bright, Full HD (1920 x 1080) Professional LCD Display

## Versatile Functions for Public Information Displays

In addition to the high resolution of Full-HD and the wide viewing angle of the IPS panel, the LF25 Series features 500-cd/m<sup>2</sup> brightness and 9-ms response. This makes it possible to display crisp, clear images even in bright places, for signage with excellent information transmission performance.

Brightness  
(500 cd/m<sup>2</sup>)

Anti image  
sticking panel

Wide viewing angle  
with an IPS panel

Portrait  
use possible



## Extensive Input Terminals

### Standard features include highly versatile terminals

The LF25 Series has various input terminals including component or RGB input, composite video input, S-video input, PC input and RS-232C control port input. It's also equipped with HDMI 1/2 inputs with deep colour, and DVI-D input with HDCP for high definition signals.



## Specifications

		TH-47LF25U	TH-42LF25U
DISPLAY PANEL	Screen Size [Diagonal]	46.9-inch [1,192 mm]	42.0-inch [1,067 mm]
	Aspect Ratio	16:9	
	Effective Display Area [W x H]	40.9" x 23.0" [1,039 x 584 mm]	36.6" x 20.6" [930 x 523 mm]
	Number of Pixels [H x V]	1,920 x 1,080 pixels	
	Brightness (Typ)	500 cd/m <sup>2</sup>	
	Contrast Ratio	1,200 : 1	
	Response Time	9 ms [G to G]	
	Viewing Angle (Horizontal/Vertical)	178° / 178°	
CONNECTION TERMINAL	Orientation	Landscape / Portrait	
	VIDEO IN/AUDIO IN	BNC x 1, S-terminal x 1 / RCA (L/R) x 1 set (for VIDEO/S-VIDEO)	
	HDMI IN	HDMI TYPE A Connector x 2 (Deep Color Compatible)	
	COMPONENT/RGB IN	BNC x 3	
	AUDIO IN	RCA (L/R) x 1 set	
	DVI-D IN	DVI-D 24 pin (HDCP Compatible) x 1	
	PC IN	MINI D-SUB 15 pin x 1, Plug & Play (VESA DDC 2B)	
	AUDIO IN (for DVI-D/PC)	M3 Jack x 1	
CONTROL TERMINAL	Serial	D-SUB 9 pin x 1 (EXTERNAL CONTROL TERMINAL), RS-232C Compatible	
ELECTRICAL	Power Requirements	110-127 V AC, 50 Hz / 60 Hz	
	Power Consumption	300 W	250 W
	On Mode Average Power Consumption*	190 W	170 W
	Power Off Condition	0.1 W	0.1 W
	Stand-by Condition	Save ON 0.1 W, Save OFF 0.2 W	Save ON 0.1 W, Save OFF 0.2 W
AUDIO	Built-in Speakers	8 Ω, 10 W [5 W + 5 W] (10 % THD)	
MECHANICAL	Dimensions [W x H x D]	42.5" x 24.6" x 4.0" [1,079 x 624 x 101 mm]	38.2" x 22.1" x 4.0" [968 x 561 x 101 mm]
	Bezel Width	0.73" [18.6 mm]	0.72" [18.3 mm]
	Weight	Approx. 50.7 lbs, [23 Kg]	Approx. 39.7 lbs, [18 Kg]
	Cabinet Material/Color	Plastic / Black	
	Mounting Method	VESA 15.8" x 15.8" [400 x 400 mm]	
ENVIRONMENTAL	Operating Environment	Temperature: 32 °F to 104 °F [0 °C to 40 °C] Humidity 20% to 80% [Non Condensation]	

\*Based on IEC62087 Ed.2 measurement method.

## Stylish and Energy Saving Design

### Narrow bezel and multi display

The bezel on the TH-42LF25U is only 18.3 mm wide (18.6 mm on the TH-47LF25U). It is a most suitable model for multi screen display. The video image and graphics can be displayed in greatly by using two or more displays. The effect of the digital signage of a high noteworthy level is achieved by decorating the wall with the video image.

0.72-inch  
(18.3 mm)

### Low Standby Power Consumption

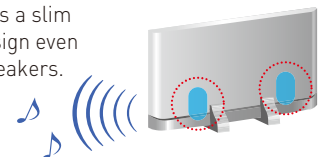
The standby power consumption of the TH-42LF25U is 0.1 W.

### Eco Mode

The light sensor detects the ambient light level and control the brightness of the backlight accordingly. This maintains optimum display brightness. It also helps to save energy by reducing the backlight power consumption.

### Slim and Light Design

The LF25 Series has a slim and lightweight design even with the built-in speakers.



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Simulated pictures on screen.  
Design and specifications are subject to change without notice.  
As of August 26, 2011.  
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